METHOD AND SYSTEM FOR DETECTING PRECURORS TO COMPRESSOR STALL AND SURGE

Abstract of Disclosure

A method and system for detecting precursors to compressor stall and surge in which at least one compressor parameter is monitored to obtain raw data representative of said at least one compressor parameter. The raw data is pre-processed using a frequency demodulator to produce pre-processed data, and the pre-processed raw data is post-processed using a Kalman filter to obtain stall precursors.